ST & Final

Orginal/Duplicate/Triplicate

AEE/T.DSD/SBR/39/16-17.
D. 14.06.2016.

CONTRACT CERTIFICATE

(For other works)

Date:.....

.....

Sub-Division:

ision: Dasarahalli Division

Received No.....146..... Dated..21/6/16.....Cash Book Vocher No.....Dated.....

Head of Account.....

eduled Docket No.....

me of work (as Per Sanctioned Estimate.):**Drilling of New Borewells with pipeline network at Manjunatha nagara d coconut garden area in Bagalagunte Ward No. 14**

me of Contractor and Full Address: :-**Sri. Jayanna, 1st B Muneshwara Nagara, Nagasandra Post, Dasarahalli, Bangalore.**

ference to Agreement No: **EE/DD/WO/93/15-16**

rtified that the measurements were taken by me on .....30/5/16.....and recorded in pages.....340361 to 340369

easurements Book No.....3404/15-16.....and that the work is satisfaction executed

Officer in-charge of work.

ontractor Signature.

30/5/16.

ertified that the measurements were taken by me on ..... and found correct. The work is satisfactorily executed

ertified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not reviously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in onnection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub – Division Officer.

f Memorandum of Payment

Work Code No. 014-16-000005

		Amount
1	Total Value of work done or supplies made as per account.	
2	Deduct amount to be held in reserve being ..... Percent Rs.	
3	Deduct amount to be held in reserve being balance	
4	Deduct payments: a) Amount of previous payment as in the office Cash Book Vocher No..... Dated..... S.D. No..... Amount adjusted towards cash advance recovery of b) Payments cost store or other materials supplied.	
5	Balance being unpaid value of work done held in reserve	
6	Deduct cash advance made on the office cash book vehicle No..... Dated..... Less adjustments	
7	Net amount due to or from contractor	
8	Unadjusted items Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied. Government materials supplied.	

ಬಿ.ಬಸವರಾಜು ಉಪ-ವಿಭಾಗ ಬಾಗಲಗುಂಟೆ ಬಿಬಿಎಂಪಿ ಬೆಂಗಳೂರು

Bill Amount = 1466084=00

IT - 14661=00

VAT - 58643=00

Lwc - 14661=00

CBF - 1466 =00

Total (-) 89431=00

Net @ 13.76.653=00

Audited and admitted for Rs. 1466084=00

Passed by Cheque for Rs. 1376653=00

Contractor Signature.

Received Rs.....(in words).....

By cash and by adjustment of payment as per memorandum, Rs. 89431 =00

(for use in the office)

Witnesses:

1

2

Accounts Superintendent

Exe. Engineer

B.B.M.P. "....." Division

Date:.....

Signature of Contractor.

Paid by me by cheque..... Dated.....

Cash Rs..... Dated.....

Initials of Officer making payment dated.....

Executive Engineer.

Sl. No.	Description of Items	Unit	Previous Measurement			Present Measurement			Total Up-to-date	
			Qty.	Rate	Cost	Qty.	Rate	Cost	Qty.	Cost
1	Geophysical survey geophysical investigation of site for sinking Borewell for supplying drining water to the habitation either through the hand pumps, MWS or PWSS by vertical electrical sounding by adopting venner or schlumberger's method including reconnaisance suevey of geological formation Geophysical investigation of of existing ground water in the vicinity. Its quality, quality & acceptabality of the users indicating the location of the site recommendeddeth of casing pipe required to seal the tope unsconsolidated formation including an extra depth 1.0 metre in consolidated formation for aquire proposed to be tapped propable yield and other information required including transportation of instrument and accessories to work site, engating technical personal and labour etc., complete3 as epr specification & as per direction of enginner in charge	Each	—	—	—	2	1882	3764	2	3764
2	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burdern upto 20 M. fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimu working of compressor for one hour (excluding cost of casing pipes, collars, cap etc.,)	Rmtr	—	—	—	100	306	30600	100	30600
3	50mtr to 100.00 mtr	Rmtr	—	—	—	100	400	40000	100	40000
4	100.00 to 150.00	Rmtr	—	—	—	100	445	44500	100	44500
5	150.00 to 200.00 mtr	Rmtr	—	—	—	100	470	47000	100	47000
6	200.00 to 250.00 mtr	Rmtr	—	—	—	100	544	54400	100	54400
7	250.00 to 300.00 mtr	Rmtr	—	—	—	100	583	58300	100	58300
8	300.00 to 325.00 mtr	Rmtr	—	—	—	50	622	31100	50	31100
9	Supplying of ISI Mark 175mm Nominal bore plain end steel casing pipe-grade of steel Fe 410, of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest emendments electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxyzen process in random length of 4 to 7 Mts, Both ends threaded confirming to IS 554/1985, one end fixed with a socket confirming to IS 4270:2001 and the other end with screwed pipes. all pipes shall be reasonably straight should be with ISI making, welding, weighing 25.10 kg/mtr (inclusive of all taxes and duties) Prices include collar medium duty	Rmtr	—	—	—	60	1060	106000	60	106000
10	Additional rate on item No. 2 is allowed for drilling in over burden and folling casing pipes beyond 20mtrs, rate at 15% and beyond 30mtrs 30% on basic rate of Rs. 306 is allowed above 20 mtrs and upto 30 mtrs at complete as per specification & as per direction of Engineer in charge	Each	—	—	—	20	459	9180	20	9180
11	Providing 175 mm dia Ms Collar complete as per the specification & as per direction of engineer in charge	Each	—	—	—	2	150	300	2	300
12	Providing 175mm dia MS Cap complete as per specification & as per direction of engineer in charge		—	—	—	2	100	200	2	200
13	Supplying and delivery at site brand new Texmo/innoval/Lubi/Sabar/Atalanta/Calamal/Waterman/Radha/make suitable HP deep well submersible pumpset suitable for vertical installation in 150mm dia borewells compresing of sinle stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (West type) squirrel cage submersible induction otor suitable for operation of 3Ph 50Hz. 380/440 volts AC supply fitted with required acessories such as suction casing suction strainers, sand guard None return valve etc., complete as per specification	No.	—	—	—	2	20600	141200	2	141200

14	Supply and Drawing 3 core Flat PVC shalted subersible Pump cable Manufactured with Electrolytic Grade Copper with Flexibel copper conductor to table 3 class 5 of IS 8130-1984 and Cirgen PVC insulation and sheeated suitable for working volatage upto 1100 VOlts compelte as per specifications.	Rmtr		–	–	–	1240m	159.50	197780m	1240m	197780m
15	Supplying and fixing 50mm Non Return Vavle of Vertical type of approved make including cost of all materials labour Hom of equipment with all leads complete as per specification.	Nos		–	–	–	2m	1145m	2290m	2m	2290m
16	Suplying and fixing 50mm GM gae valve compete as per specificiation. & as per direction of Engineer in charge	Nos.		–	–	–	2m	1600m	3200m	2m	3200m
17	Supplying and fixing 175 mm Borewell cap with clampset complete as per specification & as per direction of engineer in charge	Nos		–	–	–	2m	500m	1000m	2m	1000m
18	Supplying and fixing 50mm GI Union complete as per specification & as per direction of engineer in charge	Nos.		–	–	–	2m	223-50	447m	2m	447m
19	Supplying and fixing 50mm GI Elbow complete as per specfication & as per direction of engineer in charge	Nos.		–	–	–	6m	111m	671m 666=00	6m	671m 666=00
20	Supplying and delivery at site brand new / Essen / Lotus sunsines / Adarsh / GK controls best indigenous make combine energy meter - cum - controlpanel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof The unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided the combine energy meter cum - control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. complete T panel board shall be febricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 12.5 HP with Star Delta Starter	Nos		–	–	–	2m	10000m	20000m	2m	20000m
21	Providing and fixing of 50mm G. I pipe 'C' class heavy duty for erection of submersible pumpset galvanised tube 50mm supply and delivery of cause heavy duty complete as epr specification & as per direction of engineer in charge	Mtr	–	–	–	–	580m 580=00	519.50	301940m	580m	301940m
22	Supplying TPST with rewireable porcelain channels in SM encloser 15/32 amps P-521 Group -Bi-1 (b), complete as epr specification & as per direction of Engineer in charge	Nos	–	–	–	–	2m	1320m	2640m	2m	2640m
23	Supplying and fixing LED Type panel board indicating lamp with required colour suitable for 220 v AC 50Hz 12/24 V DC Group 'B' P-529, 1-35 (b) complete as per specfiication & as per direction of Engineer in charge	Nos.	–	–	–	–	6m	385m	2310m	6m	2310m
24	Supplying and fixing wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit./ The pit should be filled with equal proportion of salt and charocoal 150 mm alround the pipe to complete depth The connections from the pipe to the conduit etc,. is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 122 mm dia	Nos	–	–	–	–	20m	275	550m	20m	550m
25	Supplying fixing and wiring heavy duty low voltage confirming to 2834, 3 PHASE 400/440 Volts grade for power factor improvement of rotating machinery capacitor in KVAR - rating Nos 2 KVAR capacity P-402 I-34 (a) complete as per specifiction & as per direction of Engineer in charge	Nos	–	–	–	–	2m	385m	770m	2m	770m
26	Supplying and fiixng miniature Circuit breakers on exsiting MCB distribution boards using necessry fixing mateials and wiring complete as requied P-526 1-13 (P a) complete as per specification & as per direction of Engineer in charge	Nos	–	–	–	–	2m	880m	1760m	2m	1760m
27	Supplying fixing wiring earth electrode for grounding conduits, LC cutouts and other equipments on themeter borard using 40mm dia 2.90mm thick GI pipe 2.50 long buired in a pit. The pit should be filled with equal proportion of solt and charcoal 150mm alround the pipe to complete depth. the connection from the pipe to the conduct etc., is to be established thorugh GI wire of size as per ISI specirfications 7.3 3 IS 732 using 12mm ida bolts, nutus, washers and check nuts etc., the pipe shall have 16 thought holes of 122mm dia P-552, 1-7, complete as per specification & as per direction of Engineer in charge	Nos				–	2m	1650m	3300m	2m	3300m

28	Supplying and fixing class A (medium duty) GI pipe wall thickness not less than 3.25 mm on pole. Complete as per specification & as per direction of enginner in charge	Nos	—	—	—	20 Nos	288 Nos	5720 Nos	20 Nos	5720 Nos
29	Supplying and fixing wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit./ The pit should be filled with equal proportion of salt and charocoal 150mm alround the pipe to complete depth the connections from the pipe to hte conduits etc., is to be established though GI wire of size as per IS specification 7.3.3 of ISI 732 using 12 mmdia boalts, nuts washers and checknuts etc., the pipe shall have 16 though holes of 122 mm dia complete as per specification & as per direction fo Engineer in charge	Nos.	—	—	—	2 Nos	165 Nos	330 Nos	2 Nos	330 Nos
30	Supply 1.1 KV class UG cable from nearest BESCOM pole to panel board including earth work and road resoratio 4 core 16 sqmm complete as per specification & as per direction of Engineer in charge	Nos	—	—	—	60 Nos	165 Nos	9900 Nos	60 Nos	9900 Nos
31	Labour charges for laying 1.1 Kv Class UG cable when supplied by agencies in existing trenches GI pipe/stoneweare pipe/on pole as required complete as per specification & as per direction of Enginner in charge	Mtrs	—	—	—	60 Nos	5 5 0	330 Nos	60 Nos	330 Nos
32	Digging of trench of 0.6 m deep x 0.5 m wide refilling the trench to the required level and consolidating etc., complete as per specification & as per direction of Engineer in charge	Mrrs				3 Nos	44 Nos	132 Nos	3 Nos	132 Nos
33	Supplying and fixing LT cast iron pot heads suitable for 1.1 KV class16 sqmm UG calbe filled with necessary bitumen / insulating compund complete with terminalas, clamps bolts nutr washers etc., complete as per specification & as per direction of Enginner in cahrge	Nos				2 Nos	264 Nos	528 Nos	2 Nos	528 Nos
34	Supplying and fixing of porceian fuse channel with cutout on existing /new wooden panel using ncessary nuts, bolts and washers etc., complete as per specification & as per direction of Enginer in charge	Nos				6 Nos	440 Nos	2640 Nos	6 Nos	528 Nos 2640=00
35	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barriacding, danger lighting etc., in the Asphalt surface road, complete as per specification & as per direction of Engineer in charge	Cum				90 Nos	211.68	19051.20	90 Nos	19051.20
36	KSRB 2-2.2: Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification.	Cum				45 Nos	259.20	11664 Nos	45 Nos	11664 Nos
37	Providing and installing at site work PVC pipes incliding costg of pipes and specials labour including lowering into trenches layingy true to line level and perfect linking at joints leak proof incliding jointing of apprvoed type with all labour and lift charges handling charges including encasign the piep alround to a depth not less than 15cms with gravel or selected earth available from the excavation et.c,	Rmtr				100 Nos	143.20	14320 Nos	100 Nos	14320 Nos
38	Supplying and fixing 50mm GI pipes C class heavy duty compelte as per specifications. (As PER bwssb Store issued rae) Note GI Pipe using for Road crossing places complete as per specification & as per direction of Engineer in charge	Mtrs				20 Nos	225 Nos	4500 Nos	20 Nos	1350 Nos
39	Refilling avaialbe earth around pipe lines calbes in layers not exceeding 20cms in depth compacting each deposited layer by ramming after watering with lead upt 50m and lift upto 1.5 including cost of all labour compelte as per specificaiton complete as per specification & as per direction of Engineer in charge	Cum				45 Nos	60.48	2721.60	45 Nos	2721.60
40	Transportation of pumping machineries complete as per specification & as per direction of Engineer in charge	Cum				2 Nos	90 Nos	180 Nos	2 Nos	9000 Nos
41	Erection of pumping machineries compete as per specificaiton & as per direction of Engineer in charge	Rmtr				2 Nos	940 Nos	1880 Nos	2 Nos	1880 Nos
						2 Nos	-	193 Nos	2 Nos	19300 Nos

CERTIFICATE

1 This is to certify that the contractor has completed the work satisfactorily.
2 The contractor has cleared the debries from the work sport
3 The contractor has used his own vehicles for the coveying the debries.
4 There are no departmental issues for the above work..

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಹಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

70 Nos ——— 1469250 Nos

Pipe fitting Cover Side with Two Head fitting 1466084=00